

Python: module vcs.colors

vcs.colors

[index](#)

Functions

`rgb2str(r, g=None, b=None)`

Input rgb values, return the closest name

example:

```
print rgb2str([0,0,0])  
>>> 'black'
```

`str2rgb(col)`

Input a string representing a color name and it outputs the corres

If the color name is unknown, returns None, None, None

looks into /usr/X11R6/lib/X11/rgb.txt file

if file does not exist then looks into the builtin dictionary

Examples:

```
r,g,b=str2rgb('pink2') # returns: [238 , 169 , 184 ]
```

```
r,g,b=str2rgb('crappy') # returns: [None, None, None]
```

Note r,g,b values between 0 and 255

Data

```
cols = {'AliceBlue': [240, 248, 255], 'AntiqueWhite': [250, 235, 215], 'AntiqueWhite1': [255, 239, 219], 'AntiqueWhite2': [238, 223, 204], 'AntiqueWhite3': [205, 192, 176], 'AntiqueWhite4': [139, 131, 120], 'BlanchedAlmond': [255, 235, 205], 'BlueViolet': [138, 43, 226], 'CadetBlue': [95, 158, 160], 'CadetBlue1': [152, 245, 255], ...}
```